DXpedition News

C2 - Nauru Island (OC-031) *Operation Update from Issue 864* - The November 20-27 operation of **C21BH** is progressing as planned. A new operator JP1NWZ has joined the group. Following are the preferred operating frequencies for the operation:

Band	CW - MHz	SSB - MHz	RTTY - MHz
160	1.828	N/A	N/A
80	3.503/023	3.792	N/A
40	7.003/023	7.085	N/A
30	10.108	N/A	10.130
20	14.003/023	14.215	14.082
17	18.083	18.115	18.100
15	21.003/023	21.255	21.082
12	24.903	24.945	N/A
10	28.003/023	28.475	N/A

Edited by Paul Smith AE4AP

The DX Bulletin

America's Premier Weekly Amateur Radio Publication

During CQ WW CW the group may move to the lower end of the bands if they cannot maintain their preferred frequencies. During CQ WW CW, at least one station will remain on SSB. The web address for the operation is http://home1.swipnet.se/~w-17565

XZ - The Union of Myanmar *Operation Update from Issue 858* - All members of the DXpedition arrived on November 15th. The antenna systems will consist of:

Band	Force 12 Antenna System
160	Magnum 160V, 53-foot linear loaded vertical
80	EF-180B rotatable dipole at 120 feet
40	EF-240 2-element monoband yagi
30	EF-230 2-element monoband yagi
20	Two EF-230 3 element phased monoband yagis
20 - 10	Two C-3, 5-band trapless yagis

Frequent updates to the DXpedition's web site will be posted by Dave N7RK once operations begin. Check Internet http://www.getnet.com/~kf7ay/myanmar.html for late breaking news.

Shortly Noted

3B8 - Mauritius Jacques F6HMJ will be QRV as **3B8/F6HMJ** from November 20 through December 5 from the QTH of 3B8CF.

3V - Tunisia Uli DL2HBX will be QRV as **3V8BB** through November 24. During CQ WW CW check around .033 KHz. All QSOs will be confirmed via the bureau. For direct QSLs submit to Ulrich Ann, Marienstr. 20a, D-38104 Braunschweig, Germany - include 2 $US or 1 IRC. Please allow extra time for return QSLs; special color QSLs are being printed.

4K - Azerbaijan Axel DL6KVA is QRV on CW only, from the QTH of 4K9W.

9H - Malta Mario IZ3AHY will be QRV as **9H3XF** November 25-30. QSL via Mario Sala, via Rodolfo Fiori 81, 32010 Polpet-BL.

A4 - Oman *Operation Update from Issue 864* - Thomas SM0CXU/AB5CQ will be QRV as **A45ZN** during CQ WW CW. QSL via Tony Selmes, PO Box 981, Muscat 113, Oman.

CX - Uruguay A planned operation from Timoteo Dominguez Island (SA-057) is scheduled for late November/early December. Look for Claudio to be QRV as **CX/LU7DW**.

EA6 - Ibiza Island Julio EA3AIR, Josep-Maria EA3AKY, Xavier EA3ALV, Sergio EA3DU, Josep EA6ACC, and Fernando EA3KU will be QRV as **EA6IB** during CQ WW CW.

HC8 - Galapagos Islands (SA-004) Trey N5KO will be QRV during CQ WW CW as **HC8N**. Before and after the contest look for Trey signing **N5KO/HC8**. QSL via AA5BT.

HS - Thailand Prior to CQ WW CW Jack will be QRV as **HS0/WA0RJY**. During CQ WW CW the team including Sam HS0/SM3DYU and LA7JO will be QRV as **HS0AC**. Special permission has been received from the Thailand officials for operation on 160 and 80 meters.

IG - Lampedusa Island (AF-019) Several operations will be QRV during CQ WW CW.
IG9/IT9GSF Single Operator 160 Meters
IG9/I2VXJ Single Operator 80 Meters
IG9/AC6WE (UA3DPX) Single Operator 40 Meters

OI7T - Finland OH7AAC will be QRV as **OI7T** during CQ WW CW. QSL via OH7AAC. For more information on the station visit the Internet site at http://www.jmp.fi/~mmarkkan/oh7aac.htm.

V8 - Brunei Hajime JO1RUR will be QRV as **V85HG** during CQ WW CW as SOAB. QSL via bureau to JH7FQK.

VS6, VR2 - Hong Kong (AS-006) The prefixes **VS96** will change to **VS97** and **VR97** on 1/1/97, and **VR98** on 1/1/98. This is in observance of the hand over of Hong Kong to mainland China.

ZF - Cayman Island (NA-016) K4UVT (**ZF2RF**), K9LA (**ZF2AY**), K9MK (**ZF2MK**), N5HRG (**ZF2HR**), and N9NS will be QRV November 21-29 on CW and SSB. During CQ WW CW the group will be QRV as **ZF2RF** on all bands 160 - 10 meters. QSL for **ZF2RF** is via K4UVT, PO Box 231240, Montgomery, AL 36123-1240 with SASE or via the bureau. This is a new address for Bob K4UVT.

QSL Information

A41LZ - Murtadha Ahmed Sultan, PO Box 2837 RUWI, Muscat 112, Sultanate of Oman

J52IM manager is N5YWT.

Thank You for Your Support

I am pleased to announce that ownership of ***The DX Bulletin*** and ***The DX Reporter*** has been transferred to Bob Nadolny WB2YQH. Bob is the publisher of ***The 59(9) DXReport*** and brings to this new endeavor his 30 years of involvement in amateur radio and his proven abilities and expertise in publishing. I am confident that you will appreciate his experience and his dedication to the DX and Contest community.

I have enjoyed the relationship with you, the subscribers, since we took over ***The DX Bulletin*** and ***The DX Reporter***, but with the new job responsibilities of an upcoming global information systems project, and the related frequent travel, we thought it best to pass on the time-sensitive weekly publications to a proven editor who can give them the dedication they (and you) deserve.

73's and thank you,

Paul AE4AP

Paul - AE4AP

Propagation

Forecast and Historical Data

Day Forecast	27 Days Before				55 Days Before			
November								
20 High Normal	10/24	70	18/ 18	4	9/26	72	25/25	5
21 High Normal	10/25	70	15/ 15	3	9/27	72	15/15	3
22 High Normal	10/26	70	10/ 10	3	9/28	72	15/15	3
23 High Normal	10/27	70	8/8	3	9/29	72	10/10	3
24 High Normal	10/28	70	8/8	3	9/30	70	10/10	2
25 High Normal	10/29	70	10/10	3	10/1	70	10/10	2
26 High Normal	10/30	70	9/10	3	10/2	70	5/5	2
27 High Normal	10/31	70	6/5	2	10/3	70	5/5	2
28 High Normal	11/1	70	5/5	2	10/4	70	5/5	2
29 High Normal	11/2	70	5/5	2	10/5	68	7/7	2
30 High Normal	11/3	68	5/5	2	10/6	68	7/7	2
December								
1 High Normal	11/4	68	8/8	3	10/7	68	15/15	3
2 High Normal	11/5	68	10/10	3	10/8	68	15/15	3
3 High Normal	11/6	68	7/7	3	10/9	68	5/5	2
4 High Normal	11/7	68	7/7	3	10/10	68	5/5	2
5 High Normal	11/8	68	10/10	3	10/11	68	5/5	2
6 High Normal	11/9	68	10/10	3	10/12	68	8/8	3

Propagation

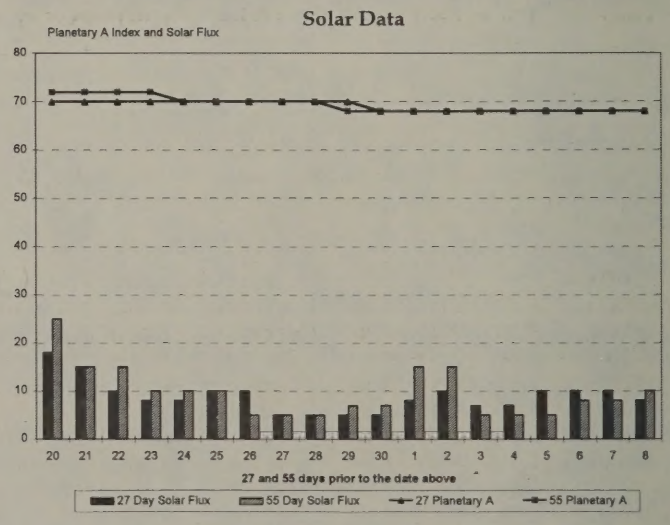
Solar activity is expected to remain very low. Two new regions of sunspot activity became visible on the sun's disk this week, bringing the number of active regions to four.

The geomagnetic field is expected to be quiet to unsettled during the period.

Strong openings up through 15 meters can be expected during CQ WW CW. 40 and 20 meters should produce consistently good openings world-wide.

Solar Flux will average 70 for the coming week, with a K index average of 2.5. The A index will remain at 5 except the period of November 24-27 when a jump to 10 is expected.

This week's effective sunspot number is 13.9. This is an upgrade from 10.0 last week.



Sun	Mon	Tue	Wed	Thu	Fri	Sat
No 17	No 18	No 19	No 20	No 21	No 22	No 23
No 24	No 25	No 26	No 27	No 28	No 29	No 30
De 1	De 2	De 3	De 4	De 5	De 6	De 7
De 8	De 9	De 10	De 11	De 12	De 13	De 14

B A N D P A S S

Key to BANDPASS: Callsign, frequency, UTC, day of the month, state
*# after the frequency indicates a Most Wanted Country. * indicates long path propagation.*
All "portable" calls are listed with the country of operation first, regardless of format used on the air.

Digimodes - RTTY

CO2KG	14.088	2252	6	MO

160 Meters

4K8F	1.829	2203	11	MA
5X4F	1.828#	2230	10	MA
6W6JX	1.835	2158	9	MA
CU2CE	1.844	0734	9	IL
F6BKI	1.831	0551	14	MT
FM5BH	1.829	0145	9	MT
G3SED	1.831	0028	13	MT
GM4BQA	1.844	0735	9	IL
I4EAT	1.830	0546	14	MT
JA7BXS	1.909	1355	8	MT
JA7OEM	1.909	1346	12	MT
JA7SSB	1.908	1333	12	MT
JW5NM	1.834	0338	9	MT
JY9QJ	1.826	0314	11	MA
OH3LYG	1.826	0440	13	ID
OM5XX	1.821	0357	11	MT
ON4UN	1.830	0550	13	ID
R1FJZ/ FJL	1.821	0324	12	MT
RAØFA	1.834	1407	13	ID
SM4CAN	1.827	0233	12	MT
SM5EDX	1.826	0404	13	ID
SP2FAX	1.830	0139	12	MT
TI4CF	1.831	0633	9	IL
TI5KD	1.836	0530	12	MT
UAØFDX	1.830	1409	14	MT
V31V	1.830	0410	13	ID
V31VT	1.830	0500	10	MT
ZS4TX	1.836	0316	13	MT

80 Meters - CW

3DAØCA	3.510	0338	11	MA
5X4F	3.501#	0200	13	IA
9A4A	3.505	2245	9	NH
EM1KA	3.503	0350	14	IA
ER1OO	3.501	0318	10	FL
EU3FT	3.503	2335	15	IA
GDØIFU	3.513	0030	7	NH
KH6CF	3.503	0920	7	NH
LA7UIA	3.511	0316	10	FL
NE4G/KP4	3.506	1002	22	NH
OK1EW	3.501	2327	7	NH
OL8M	3.520	2246	9	NH
OM5TD	3.504	0118	16	FL
OX3IPA	3.502	0050	10	IA
RAØFDM	3.510	*2215	10	MA
RN6AL	3.501	0000	7	NH
SN3/ SP5XAR	3.511	2130	7	NH
UA9WZ	3.503	0111	11	MA
UR5MID	3.503	2130	9	NH
UT5ULJ	3.502	2150	9	NH
VA2BD	3.503	2243	9	NH
VK6FK	3.504	1110	22	NH
VK6HD	3.510	1138	8	NH
VK6WJ	3.506	1105	7	NH
XX9TSS	3.505#	0914	2	NH
ZF2GS	3.512	0317	10	FL
ZK1DI	3.502#	0902	8	NH

75 Meters - SSB

5X1T	3.790#	2245	6	AR
9A1CAH	3.790	0019	7	AR
DS5RNM	3.799	*2145	11	MA
EI6S	3.798	0818	10	IL
EI8H	3.795	0755	10	IL
UAØFDX	3.797	1305	14	IA
ZL4BO	3.798	0733	10	IL
ZS8IR	3.798#	0225	9	IA

40 Meters - CW

3B8CF	7.007	0215	7	GA
3DAØCA	7.005	0355	14	IA
5B4OG	7.015	0235	8	GA
5R8FK	7.017#	0130	11	IA
7Q7EH	7.010	0145	8	GA
7X4AN	7.001	0721	8	CA
AH8N	7.008	1007	11	FL
BV7FC	7.002	1414	13	ID
CN8BK	7.006	0050	16	IA
CO8EI	7.025	0257	8	GA
EA6ZY	7.002	2240	12	IA
ER5AL	7.001	2342	13	FL
ES1WM	7.004	0104	13	ID
EU3FT	7.004	0035	13	IA
EW2CR	7.001	2338	8	FL
EW6WF	7.005	0005	8	GA
FOØHON	7.010	0502	7	IL
HC2/F9IE	7.007	2335	8	FL
HC5AI	7.002	1142	10	FL
HKØER	7.007#	0210	9	IA
HL2WA	7.010	1340	12	IA
J87GU	7.006	0112	16	FL
JY8YB	7.008	0038	15	FL
JY9QJ	7.006	0430	13	IA
KR3I/C6A	7.026	0215	11	GA
LY1DR	7.004	2325	8	FL
RW6PA	7.008	*1345	15	IA
RZ6LJ	7.006	*1255	8	IA
SV1COM	7.005	2327	8	FL
T88YY	7.007	1416	8	CA
TA3D	7.004	0205	9	IA
TI2JRR	7.027	2336	7	GA
TI2KWN	7.002	0541	7	IL
TR8BAR	7.003	0515	7	IA
UAØAZ	7.006	0202	8	FL
UA9FAR	7.003	0415	8	CA
UT3IQ/ RØQ	7.012	0155	9	IA
V5/ZS6YG	7.002	0300	6	GA
V73GT	7.011	1338	13	ID
VK8VQ	7.007	1139	9	FL
ZB2FK	7.005	2355	14	IA
ZF2GS	7.004	2326	8	FL
ZK1DI	7.004#	0525	7	IL
ZK1RAG	7.008#	1017	13	FL

30 Meters

7Q7EH	10.104	2336	13	FL
9L1KA	10.103	2336	10	GA
9M2TO	10.102	1425	13	ID
CO2HA	10.105	2102	9	MA
CX3AL	10.103	2354	9	GA
GB8ØØSA	10.100	1017	13	FL
HC2/ F6AUS	10.103	2241	8	MN
HC2/ F6BFH	10.101	0006	8	GA
HC5AI	10.101	1200	9	FL
J87GU	10.102	1236	16	FL
KP2/ WØNBK	10.103	2335	13	FL

20 Meters - CW

4K7ØGF	14.015	1240	16	FL
5NØMVE	14.006	2119	12	ID
5X4DLI	14.011#	1946	12	ID
7Z5OO	14.012	1355	7	IA
BV2HL	14.008	2235	8	IA
BV4PM	14.010	2301	8	FL
CT1BOH	14.027	1836	7	MO
CT3FT	14.027	1222	9	GA
EA6NB	14.013	1713	7	CA
EM1KA	14.007	2128	16	FL
F6HML/FG	14.025	1252	11	GA
FY5CG	14.002	2119	16	FL
FY5YE	14.025	1951	8	NH
GD4UOL	14.011	1312	16	FL
HC5AI	14.006	1319	16	FL
HL1CG	14.038	2328	9	GA
HL1QY	14.022	2318	8	IL
ISØUWX	14.031	1404	9	GA
JY9QJ	14.016	1400	7	IA
KP4DRE/ HR1	14.032	2308	10	GA
LZ2AY/MM	14.020	1958	8	NH
OX3IPA	14.009	1800	15	IA
RA2FBC	14.025	1401	10	GA
RN3QO	14.030	1337	11	GA
TØØCW	14.007	1123	9	MA
T9/SL6BM	14.057	1308	9	GA
TA2/ OK1DTP	14.044	1440	9	GA
TA8HA	14.014	2002	8	NH
TM5CW	14.007	1318	16	FL
TR8BA	14.014	2003	8	NH
V47VJ	14.027	2125	16	FL
VU2BK	14.009	1356	10	FL
W4NXE/ DU3	14.025	2300	8	IL

20 Meters - SSB

5T5U	14.195#	1215	8	AR
9G1YR	14.188	2127	9	CO
BV5GQ F6AOI	14.193	0020	14	IA
JD1AMA	14.224#	2140	9	IA
KH4/ W7VWR	14.195#	2135	9	CO
OX3IPA	14.240	1359	3	PA
SV3YY	14.192	1927	6	AR
TI5XP	14.210	0047	1	FL
TJ1PD	14.247#	2050	2	PA
TZ6LL	14.226	2100	7	NH
UR4QHJ	14.199	1539	2	AR
V51BP	14.192	2023	2	PA
VP2VF	14.247	2211	1	FL
VS96BG	14.152	2345	8	IA
VV2CVP	14.189	*0144	4	CA
ZD7HI	14.240	2220	7	IA
ZF2UH	14.225	2059	2	PA
ZP5CGL	14.215	2258	2	PA
ZS6SOA	14.203	*1251	1	PA

17 Meters - CW

4L5O	18.072	1339	6	MA
4U1ITU	18.075	1458	9	IL
6W6JX	18.088	1642	1	VA
7Z5ØØ	18.070	1203	2	MA
9Y4NW	18.082	1815	2	FL
EA4ASA	18.082	1747	3	SC
EA8CN	18.074	1747	10	GA
ES4MM	18.079	1359	11	GA
FOØHON	18.074	2108	9	MA
FY5YE	18.070	1509	3	CA
HB91JC	18.074	1517	3	CA
HB9HFN	18.073	1534	2	CA
HC2/ F6AUS	18.070	1403	10	FL
OK1US	18.073	1326	12	MA
OX3IPA	18.070	1547	10	MA
V5/ZS6YG	18.072	1324	12	MA

17 Meters - SSB

4L5A	18.142	1317	9	AR
4X1FQ	18.149	1421	8	AR
5NØMVE	18.155	1327	9	AR
7X2DG	18.124	1525	8	AR
9G1AJ	18.131	1431	7	VA
9Y4NG	18.140	1519	9	NY
A61AD	18.145#	1239	8	AR
EA8BYR	18.140	1507	9	NY
HB9SS	18.136	1450	7	VA
HP1YAI	18.133	2233	10	GA
OK5RED	18.125	1254	8	AR
SV1CEI	18.150	1346	8	AR
TA2LZ	18.132	1328	8	AR
UA6HW	18.140	1338	12	MA
URØEF	18.147	1323	9	AR

15 Meters - CW

7X4AN	21.019	1620	7	IA
9J2BO	21.023	1525	10	IA
EA8CN	21.027	1525	13	IA
FOØHON	21.021	2100	8	IA
SV9/ DJ4TR	21.024	1403	10	FL

15 Meters - SSB

5R8EE	21.240#	1725	13	IA
5T5U	21.296#	1541	8	AR
9J2CE	21.300	1905	10	IA
FH5CB	21.259	1520	9	IA
ZB2JO	21.270	1555	11	IA
ZD7WRG	21.267	1800	15	IA

12 Meters - SSB

5NØMVE	24.951	1651	10	AR

Current and Future DXpeditions

(Changes and hot info in **boldface**.)

DXCC Country	Prefix	Callsign	Dates	Issue
Ascension Island	ZD8	ZD8DEZ	to Dec	835
Bahamas	C6	C6A/K3TEJ	Nov 20-25	862
Barbados	8P9	8P9HT	Nov 19-26	854
Brazil	PY	PV2V	Nov 16-24	854
		PS2S	Nov 24-Dec 1	854
Brunei	**V8**	**V85HG**	**Nov 23-24**	**865**
Cayman Islands	**ZF**	**ZF2RF**	**Nov 23-24**	**865**
Chagos Island	VQ9	VQ9WM	Through 7/97	859
		VQ9QM	Dec 1996	862
China	BY	BY8SKM	Nov 23	860
Crozet Island	FT8W		Jan 8-9, 97	861
Dodecanese	SV5	SV5/K7AR	Nov 21-26	864
Dutch St. Maarten	PJ8	PJ8M	Nov 21-27	864
Galapagos Is.	**HC8**	**HC8N**	**Nov 23-24**	**865**
Grenada	J3	J3/WJ2O	Nov 20-29	857
Guam	KH2	KH2/AD4WF	Nov 29-Dec 3	863
Haiti	HH	4V2A	Nov 23-24	864
Heard Island	VK0	VK0IR	Jan 13-27, 97	861
Ibiza Island	**EA6**	**EA6IB**	**Nov 23-24**	**865**
Isle of Man	GD	GD4UOL	Nov 15-28	862
		GT3FLH	Nov 29-30	862
Kerguelen Island	FT8X		Jan 30, 1997	861
Labrador	VO2	Zone 2 RTTY	Nov 21-26	863
Lampedusa Is.	**IG**	**IG9/IT9GSF**	**Nov 23-24**	**865**
		IG9/I2VXJ	**Nov 23-24**	**865**
		IG9/AC6WE	**Nov 23-24**	**865**
Lesotho	7P8	/G4FUI	to December	851
Macquarie Is.	VK0	VK0WG	Starting Nov	859
Malta	**9H**	**9H3XF**	**Nov 25-30**	**865**
Mauritius	**3B8**	**3B8/F6HMJ**	**Nov 20-Dec 5**	**865**
Mayotte	FH	FH/F6HWU	Nov 9-27	863
Mongolia	JT	JT1FBT	Nov-Dec 96	864
Myanmar	**XZ**	**XZ1N**	**Nov 16-25**	**865**
Namibia	V5	V5/ZS6YG	Now	864
Nauru Island	**C2**	**C21BH**	**Nov 20-27**	**865**
Nepal	9N	9N1OSN	Till Nov 28	862
Oman	**A4**	**A45ZN**	**Nov 23-24**	**865**
Reunion Island	FR	FR/EA2KL	Jan 3, 97	861
St. Kitts	V4	V47KP	Oct & Nov	860
		V47VJ	Nov 15-25	862
St. Lucia (Update)	J6	J6DX	Nov 22-24	863
St. Martin	FJ	FS/W2QM	Dec 4-11	860
St. Vincent	J8	J87GU	Till Nov 25	864
South Cook	ZK1	ZK1DI	Through 3/97	859
Swaziland	3DA0	3DA0NX	Nov 23-24	864
Thailand	HS	HS0/WA0RJY	Nov 16-Dec 1	863
		HS0AC	**Nov 23-24**	**865**
Trinidad & Tobago		9Y4H	Nov 18-25	864
Togo	5V	5V5A	Nov 23-24	860
Tunisia	**3V**	**3V8BB**	**Till Nov 24**	**865**
U.A.E.	A6	A61AF	Nov 16-26	863
Uganda	5X	5X4F	Until Nov 28	864
Vietnam	XV	XV7SW	from Oct.	856

The DX Magazine

The DX Magazine would like to publish articles on your DXpeditions or IOTA adventures. The articles do not need to be professionally written - just share with others in your own words what it was like to actually be there on the other end of the pile-up. Contact us here at The DX Publications, PO Box 2306, Paducah, KY 42002 - we would like to hear from you.

DX Events, Happenings, and Gatherings

Nov 23-24	CQ WW CW DX Contest
Dec 6-8	ARRL 160 Meter Contest
Dec 14-15	ARRL 10 Meter Contest
Dec 21-22	Croatian CW Contest
Dec 29	RAC Canada Winter Contest
Jan 25-26	CQ WW CW 160M Contest
Feb 15-16	ARRL CW DX Contest

The DX Bulletin

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Paul